

**Table of Contents of
International Journal of Performability Engineering, Vol. 16, No. 8, August 2020**

| Author(s) | Title of the Paper | Pages |
|--|--|-----------|
| Ankit Kumar, Dipansha Chhabra, Bhavya Mendiratta, and Adwitiya Sinha | Potential Extensions and Updates in Social Media for Twitter Developers | 1139-1150 |
| Achraf Wahid, Youssef Bassir, Nadia Mouhib, Hamid Chakir, and Mohamed Elghorba | Analytical Approach for Damage Reliability Assessment of Wire Rope | 1151-1158 |
| Zirong Hong, Bo Dan, and Zhaojun Wu | A New Algorithm for Encoder Recognition of Turbo Code Components | 1159-1170 |
| Ran Zhang, Min Liu, Yifeng Yin, Qikun Zhang, and Zengyu Cai | Prediction Algorithm for Network Security Situation based on BP Neural Network Optimized by SA-SOA | 1171-1182 |
| Huaiguang Wu, Pengjie Xie, Ming Cheng, and Hongwei Tao | A Hybrid Model of Predicting Breast Cancer Survivability based on Specific Stages | 1183-1192 |
| Xinghe Ma and Dengkui Zhang | Noise Reduction of Partial Discharge Signal of High Voltage Cable based on VMD | 1193-1202 |
| Weiguo Pan, Feng Pan, and En Fu | Dual Model-based Traffic Light and Sign Detection using Prior Information | 1203-1214 |
| Xiu Kan, Jia He, and Zhenghao Xi | Visual Tracking based on Moving Monocular Camera | 1215-1224 |
| Zhifeng Zhang, Xiao Cui, Pu Li, Jintao Jiang, and Xiaohui Ji | Hyperspectral Data Analysis based on Integrated Deep Learning | 1225-1234 |
| Zhao Chen, Dongcheng Li, and Jincui Guo | Analysis and Implementation of a QoS-Aware Routing Protocol based on a Heterogeneous Network | 1235-1244 |
| Shenghui Gu | Fault Prognosis of Avionics using Transferred Deep Belief Network with Fusion Strategy | 1245-1253 |
| Beiyi Wang, Xiaohong Zhang, Haibin Wu, Qi Wang, and Lijuan Hu | Estimation of Motion Blurred Direction for Video Monitor Image | 1254-1261 |
| Shujun Pei, Qinggen Zhang, and Xuehui Cheng | Workflow Scheduling using Graph Segmentation and Reinforcement Learning | 1262-1270 |
| Feiyu Zhang, Yi Yang, Weixing Huang, Guigang Zhang, and Jian Wang | Improving Font Effect Generation based on Pyramid Style Feature | 1271-1278 |
| Pan Liu and Wulan Huang | Incremental Data Mining-based Software Failure Detection | 1279-1288 |
| Mengyu Ji, Song Huang, and Zhanwei Hui | Spectrum-Based Security Bug Localization by Analyzing Error Propagation | 1289-1298 |
| Chao Wang, Lei Lei, Fan Yang, Xu Zhang, and Yaodan Chi | Grid-Connected Photovoltaic System in Intelligent Architecture | 1299-1309 |
| Yue Junhua and Li Yan | Simulation for Target Detection in Polarimetric Scenes | 1310-1320 |